

Debris Flow Event Log

Date: January 1 2006 Debris Flow (Burbank, CA Airport)

Lat: 34.200260 Lon: -118.350606 Alt: 228 m Truck HD: 170 deg

Date/Time SR2 ready for operation: 1/2/2006 0040 UTC

Note taker: Jorgensen

<i>Time (UTC)</i>	<i>Event</i>
2230	Arrived on site. Moderate rainfall at site R
2304	Computer needed several reboots to get up and running
0000 (2 Jan)	Programming scans completed.
0020	Repositioned truck to point toward the south, rather than toward the west. Was afraid that burn areas farther to the west were being obstructed by the
0040	Had to reset the date/time to UTC as it apparently had reverted to CST
0050	Rain has started to fall at the site R- or so, and reflectivities near the burn area are picking up so will start data collection now
0054	Rain tapering off to a drizzle
0107	Very light rain at site, some cells to 35 dbz to the N and NW over the higher terrain
0259	Restarting IRIS to get transmitter blanking going over the cab (it quit blanking with no warning)
0325	Had to stop data collection momentarily to correct the date. It was inadvertently set to 1 January when it should have said 2 January. Can correct the previous files in processing.
0631	Rain very light at site. Only weak echoes <30 dBZ on display all quads
0701	Scan files getting bigger, so precip coverage definitely going up
0844	Distant thunder?? No apparent lightning stroke
1003	Precip beginning to pick up again at site, now maybe R-. Max reflectivities in cells to SW have increased to 50 db
1122	Heavier echoes now appearing on 9 deg tilt near burn area
1446	Sfc winds gusting and shaking SR2
1457	Some 60 dbz cells to the east 20 km
1523	Wind is really picking up again, gusts rocking truck
1525	A roughly n-s oriented line of storms about 20 km to the west has peak dbz of 55
1529	Much heavier rain now at the site. Puddles beginning to appear.
1614	Heavy rain at site. Large mass of 35-45 dbz echo moving in from west
1622	50 dbz cell on top of site, R+ rain at the site, gusty winds. Large mass of 45-50 dbz echo to the west moving in
1634	Scan file sizes have increased to 12Mb from 7 Mb in the last hour, so precip coverate is increasing
1701	Heavy rain and wind now at the site.
1739	Precip tapering off a bit as the site is between bands right now
1756	Narrow north-fouth oriented convective line feature now about 40 km to the west. Cells within it have max dbz of about 50
1843	Narrow convective line now only about 8 km to the west

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